

DISPLAY CONTROLLER FOR PRODUCING MULTI-GRADATION IMAGES

Abstract

Through a plurality of consecutive frames, a display controller produces a multi-gradation image on a display device formed by a plurality of binary-state pixels in an array. The display controller includes an image memory for providing each of the pixels with gradation data. A waveform pattern selector outputs a waveform pattern selecting signal for causing a waveform pattern memory to provide any two adjacent pixels with two different sets of waveform pattern signals. The plurality of consecutive frames are operated at a fixed frame rate, which is set high enough for preventing visual disturbances.